

From: [Perez, Myra](#)
To: [Coltrain, Katrina](#)
Cc: [Flores, Raymond](#); [Humphrey, Marvelyn](#); [Warren, Christy](#)
Subject: FW: Wilcox Questions
Date: Wednesday, August 17, 2016 2:34:55 PM

Hello Katrina – Ray has been reviewing all of the Wilcox forms and tables and we have the following questions:

1. Most of the soils for VOA analysis will be shipped to a CLP lab. Will you also accept CLP CRQLs for the four compounds listed by Christy in the table below? If the answer is yes, then it will not require a modified analysis (MA). Also, do you need lab QC (MS/MSD) for this analysis? We do not recommend lab QC for VOA and SVOA.
2. Soils and waters for SVOA analysis will be scheduled through the CLP. The screening levels provided, show some of the compounds in the PAH are lower than the SIM and many non-PAH are much lower than CLP CRQLs. In order to meet these screening levels (no guarantee a lab will bid nor achieve these low levels) an MA has to be prepared. However, since there are so many compounds listed in the table it is very difficult to prepare one. Is it possible to limit the targets of concern in the non-PAH list to 3 or 4? The same for the PAH with CRQLs lower than the SIM levels. Do you need lab QC (MS/MSD) for this analysis? We do not recommend lab QC for VOA and SVOA.
3. The soils for TM + Hg + CN will be scheduled through the CLP. There are 9 out of 10 target analytes of concern in which the screening levels are lower than the ICP-MS levels. Some of the analytes have screening levels that are not achievable and labs might not bid on an MA due to these very low CRQLs. Can you select 3 or 4 analytes from the table?

We (Ray, Christy and I) will be in tomorrow if you want to discuss this further or if you have questions. Please let me know.

Take care.

Myra Perez
R6 CLP RSCC
281-983-2130

From: Warren, Christy
Sent: Wednesday, August 17, 2016 6:29 AM
To: Perez, Myra <perez.myra@epa.gov>; Flores, Raymond <flores.raymond@epa.gov>
Subject: FW: Wilcox Questions

The higher RLs for the 4 compounds on the VOA soils lists are approved. See message below.

Christy Warren
US EPA Region 6 Laboratory
Sample Control Coordinator
10625 Fallstone Road
Houston, Texas 77099
281-983-2137 (office)
713-805-7157 (cell)

This e-mail may be privileged and/or confidential. It is intended for the named recipient(s) only. Any distribution, use or copying of this e-mail or the information it contains by other than an intended recipient is unauthorized. If you received this e-mail in error, please advise me (by return e-mail or otherwise) immediately and do not duplicate it or disclose its contents to anyone.

From: Appel, Patrick [<mailto:pappel@eaest.com>]
Sent: Tuesday, August 16, 2016 4:41 PM
To: Warren, Christy <warren.christy@epa.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>; lvega_eaest.com <lvega@eaest.com>
Cc: Turner, Philip <Turner.Philip@epa.gov>
Subject: RE: Wilcox Questions

Hi Christy – these RLs should be ok.

Thank you
Pat

From: Warren, Christy [<mailto:warren.christy@epa.gov>]
Sent: Tuesday, August 16, 2016 4:08 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Appel, Patrick <pappel@eaest.com>; Vega, Luis <lvega@eaest.com>
Cc: Turner, Philip <Turner.Philip@epa.gov>
Subject: RE: Wilcox Questions

One more question for today. There are 4 compounds in the VOA soils where we do not meet the screening level. I have placed our RL highlighted in blue. Are these ok??

I will have further questions on metals soils tomorrow.

Analyte	CAS	Units	Project Screening Level R6 RL
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.127
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	0.0053
1,2-Dibromoethane (EDB)	106-93-4	mg/kg	0.036

1,2-Dichlorobenzene	95-50-1	mg/kg	0.01
1,2-Dichloroethane	107-06-2	mg/kg	0.02
1,2-Dichloropropane	78-87-5	mg/kg	0.002 0.005
2-Butanone (Methyl ethyl ketone)	78-93-3	mg/kg	35
Acetone	67-64-1	mg/kg	2.5
Benzene	71-43-2	mg/kg	0.01
Bromodichloromethane	75-27-4	mg/kg	0.29
Carbon Tetrachloride	56-23-5	mg/kg	0.4
Chloroform	67-66-3	mg/kg	0.001 0.005
Cyclohexane	110-82-7	mg/kg	6,500
Ethylbenzene	100-41-4	mg/kg	0.03
Isopropylbenzene (Cumene)	98-82-8	mg/kg	1,900
Methylcyclohexane	108-87-2	mg/kg	6500
Tetrachloroethene	127-18-4	mg/kg	0.002 0.005
Toluene	108-88-3	mg/kg	0.01
Trichloroethene	79-01-6	mg/kg	0.001 0.005
Vinyl Chloride	75-01-4	mg/kg	0.01
m,p-Xylene	179601-23-1	mg/kg	580
o-Xylene	95-47-6	mg/kg	0.1

Christy Warren
US EPA Region 6 Laboratory
Sample Control Coordinator
10625 Fallstone Road
Houston, Texas 77099
281-983-2137 (office)
713-805-7157 (cell)

This e-mail may be privileged and/or confidential. It is intended for the named recipient(s) only. Any distribution, use or copying of this e-mail or the information it contains by other than an intended recipient is unauthorized. If you received this e-mail in error, please advise me (by return e-mail or otherwise) immediately and do not duplicate it or disclose its contents to anyone.

From: Coltrain, Katrina
Sent: Tuesday, August 16, 2016 3:12 PM
To: pappel@eaest.com; lvega_eaest.com <lvega@eaest.com>
Cc: Warren, Christy <warren.christy@epa.gov>; Turner, Philip <Turner.Philip@epa.gov>
Subject: FW: Wilcox Questions

Pat/Luis, please respond to Christy's questions. Thanks

The Houston Hex Chromium RL is OK.

Katrina Higgins-Coltrain
Remedial Project Manager
US EPA Region 6
LA/OK/NM Section (6SF-RL)
1445 Ross Avenue
Dallas, Texas 75202
214-665-8143

From: Warren, Christy
Sent: Tuesday, August 16, 2016 1:57 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>
Subject: Wilcox Questions

Katrina,

A few questions regarding Wilcox.

1. Air samples that are scheduled to be collected the week of September 12. Could they be collected the week of September 19?
2. On the COC target list for air. You have 3 – Chloropropene. Is that supposed to be 2-Chloropropene?
3. For the Hexavalent Chromium. You have a project screening level listed of 0.035 ug/L. Our current RL is 0.050 ug/L. Is this ok?
4. Will the VOA water samples be chemically preserved?

Christy Warren
US EPA Region 6 Laboratory
Sample Control Coordinator
10625 Fallstone Road
Houston, Texas 77099
281-983-2137 (office)
713-805-7157 (cell)

This e-mail may be privileged and/or confidential. It is intended for the named recipient(s) only. Any distribution, use or copying of this e-mail or the information it contains by other than an intended recipient is unauthorized. If you received this e-mail in error, please advise me (by return e-mail or otherwise) immediately and do not duplicate it or disclose its contents to anyone.